



COLLEGE of AMERICAN
PATHOLOGISTS

Surveys and Anatomic Pathology Education Programs

Performance Improvement Program in Surgical Pathology PIP/PIPW-B 2021

Participant Summary

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**2021 PIP/PIPW-B
PARTICIPANT SUMMARY**

Program Update

This report summarizes the diagnostic responses for set B of the 2021 Performance Improvement Program in Surgical Pathology (PIP & PIPW).

A tabulation of the responses to the supplementary questions is not included since these are intended for educational purposes only.

SURGICAL PATHOLOGY COMMITTEE

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Diagnosis

(2387) Angiomyolipoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2387	Angiomyolipoma	5871	98.8	241	78.0
1901	Gastrointestinal stromal tumor	4	0.1	1	0.3
1646	Leiomyoma	10	0.2	5	1.6
1389	Renal cell carcinoma with sarcomatoid differentiation	15	0.3	18	5.8
2505	Spindle cell rhabdomyosarcoma	44	0.7	44	14.2

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2384	44.2
002		1137	21.1
003	Satisfactory	1424	26.4
004		268	5.0
005	Unsatisfactory	177	3.3

Diagnosis

(5732) Subcutaneous panniculitis-like T-cell lymphoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2452	Anaplastic large cell lymphoma, ALK negative	13	0.2	5	1.7
5630	Lupus erythematosus panniculitis	20	0.3	3	1.0
1782	Mycosis fungoides	8	0.1	13	4.4
1649	Primary cutaneous $\gamma\delta$ T-cell lymphoma	82	1.4	17	5.8
5732	Subcutaneous panniculitis-like T-cell lymphoma	5832	97.9	257	87.1

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2249	41.8
002		1088	20.3
003	Satisfactory	1506	28.0
004		406	7.6
005	Unsatisfactory	122	2.3

Diagnosis

(2485) Hepatocellular carcinoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2425	Dysplastic nodule	11	0.2	5	1.7
2484	Focal nodular hyperplasia	13	0.2	7	2.4
2485	Hepatocellular carcinoma	5918	99.4	254	88.8
2277	Intrahepatic cholangiocarcinoma	10	0.2	14	4.9
1931	Metastatic adenocarcinoma	2	<0.1	6	2.1

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2981	56.4
002		971	18.4
003	Satisfactory	1226	23.2
004		99	1.9
005	Unsatisfactory	12	0.2

Diagnosis

(2300) Solid pseudopapillary neoplasm

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2414	Acinar cell carcinoma	16	0.3	12	4.3
1305	Pancreatic ductal adenocarcinoma	8	0.1	3	1.1
1539	Poorly differentiated neuroendocrine carcinoma	25	0.4	30	10.6
1647	Sarcomatoid carcinoma	1	<0.1	1	0.4
2300	Solid pseudopapillary neoplasm	5869	98.6	223	79.1
1736	Well-differentiated neuroendocrine tumor	31	0.5	13	4.6

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2683	50.9
002		1120	21.2
003	Satisfactory	1331	25.2
004		128	2.4
005	Unsatisfactory	14	0.3

Diagnosis

(2302) Desmoid fibromatosis

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2499	Dermatofibrosarcoma protuberans	3	0.1	1	0.4
2302	Desmoid fibromatosis	5829	97.8	188	67.6
2554	Fibrous hamartoma of infancy	22	0.4	13	4.7
1860	Infantile fibrosarcoma	12	0.2	11	4.0
1187	Infantile myofibromatosis	83	1.4	59	21.2
1960	Nodular fasciitis	7	0.1	6	2.2

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2512	47.5
002		1118	21.2
003	Satisfactory	1457	27.6
004		174	3.3
005	Unsatisfactory	23	0.4

Diagnosis

(5738) Invasive breast carcinoma of no special type

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
5735	Apocrine carcinoma	113	1.9	80	29.3
5736	Carcinoma arising in microglandular adenosis	23	0.4	16	5.9
5737	Ductal carcinoma in situ (DCIS) involving sclerosing adenosis	37	0.6	16	5.9
5738	Invasive breast carcinoma of no special type	5774	97.0	161	59.0
5739	Metastatic serous carcinoma from the ovary to breast	6	0.1	0	0.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2452	46.4
002		1144	21.6
003	Satisfactory	1484	28.1
004		182	3.4
005	Unsatisfactory	24	0.5

Diagnosis

(2441) Extramedullary hematopoiesis

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2454	Diffuse large B-cell lymphoma	8	0.1	13	4.8
2441	Extramedullary hematopoiesis	5893	98.9	209	76.8
2476	Metastatic carcinoma	1	<0.1	0	0.0
1265	Myeloid sarcoma	47	0.8	39	14.3
2869	Splenic angiosarcoma	1	<0.1	4	1.5
2062	Splenic hamartoma	0	0.0	3	1.1
1546	Splenic hemangioma	0	0.0	4	1.5

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2801	53.0
002		1076	20.3
003	Satisfactory	1305	24.7
004		97	1.8
005	Unsatisfactory	11	0.2

Diagnosis

(2429) Low-grade endometrial stromal sarcoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2481	Cellular leiomyoma	1	<0.1	1	0.4
2426	Endometrial stromal nodule	27	0.5	3	1.1
5711	High-grade endometrial stromal sarcoma	44	0.7	10	3.7
2427	Intravenous leiomyomatosis	1	<0.1	5	1.9
2429	Low-grade endometrial stromal sarcoma	5874	98.5	246	91.1
5740	Uterine tumor resembling sex cord stromal tumor	3	0.1	5	1.9

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2926	55.6
002		985	18.7
003	Satisfactory	1262	23.9
004		91	1.7
005	Unsatisfactory	8	0.1

Case # 2021-19

Diagnosis

(2873) Nephroblastoma (Wilms tumor)

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1758	B-lymphoblastic lymphoma	5	0.1	0	0.0
5741	Cellular congenital mesoblastic nephroma	6	0.1	18	6.7
1716	Ewing sarcoma	24	0.4	9	3.3
2873	Nephroblastoma (Wilms tumor)	5793	97.4	234	86.7
1012	Neuroblastoma	119	2.0	5	3.3

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2700	51.9
002		1023	19.7
003	Satisfactory	1332	25.6
004		131	2.5
005	Unsatisfactory	15	0.3

Case # 2021-20

Diagnosis

(5742) Calcifying fibrous tumor

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2549	Calcifying aponeurotic fibroma	165	2.8	61	22.3
5742	Calcifying fibrous tumor	5751	96.7	208	76.2
2302	Desmoid fibromatosis	10	0.2	1	0.4
2795	Inflammatory myofibroblastic tumor	2	<0.1	3	1.1
1960	Nodular fasciitis	1	<0.1	0	0.0
1649	Solitary fibrous tumor	21	0.3	0	0.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2397	46.0
002		1071	20.6
003	Satisfactory	1453	27.9
004		222	4.3
005	Unsatisfactory	69	1.2

This concludes the report.



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